

In the Claims:

Please cancel claims 4-9, 14-15, and 19-21, replace claims 1-3, 12-13, 16-18, and 25, and add new claims 26-27, all as shown below.

1. (Currently Amended): A high level dynamic code generation method, comprising:
 - a) creating a class file container object that stores source code describing a class;
 - b) adding a first source code defining a method to the class stored in the class file container object;
 - c) adding a second source code into the ~~to~~ method in the class stored in the class file container object using programming language constructs;
 - d) repeating steps b and c to populate the class stored in the class file container object;
 - e) generating a tree of statements and expressions based on the class stored in the class file container object;
 - f) using the tree of statements and expressions to generate ~~generating~~ byte code for the class file container object; and
 - g) instantiating an instance of the ~~new class file object;~~
generating executable code from the byte code by using a class loader; and
wherein dynamically generated code would be configured to exist for the life of a server it resides upon.
2. (Currently Amended): The method of claim 1 wherein creating a class file container object includes:

setting selecting a class name and a super class attributes for a class file.

3. (Currently Amended): The method of claim 2 wherein ~~the attributes include a~~ any class file name and ~~a parent~~ any super class can be selected.

4 - 9. (Canceled)

10. (Previously Presented): The method of claim 1 wherein the dynamically generated code implements an adaptor class.

11. (Previously Presented): The method of claim 1 wherein the dynamically generated code implements a proxy class.

12. (Currently Amended): The method of claim 1 further comprising:
repeatedly adding a method to the class stored in the class file container object for each method associated with a stub generated for a remote object.

13. (Currently Amended): The method of claim 12 wherein repeatedly adding a method to the class stored in the class file container object for each method associated with a stub generated for a remote object includes:

determining a number of methods associated with the stub in a remote interface.

14 - 15. (Canceled)

16. (Currently Amended): The method of claim 1 ~~15~~ wherein ~~generating a tree of statements~~ includes:

~~generating a~~ the tree of statements and expressions represents representing at least one method, the at least one method comprising at least one of: a code statement, an expression, a variable and a programming construct.

17. (Currently Amended): The method of claim 15 wherein ~~generating a~~ the tree of statements and expressions includes:

~~generating a tree forming~~ forms a known structure or interface when the class file container is a known type.

18. (Currently Amended): The method of claim 17 wherein ~~generating a~~ the tree of statements and expressions forms ~~forming~~ a known structure or interface when the class ~~file container is a known type~~ includes:

~~generating a tree forming a known structure when the class file container is of~~ at least one of an adapter and a proxy type.

19 - 24. (Canceled)

25. (Currently Amended): The method of claim 1, wherein the dynamically generated code is used for remote method invocation skeletons, remote method invocation stubs, wrappers for database ~~JDBC~~ connections, and proxies used to enforce call-by-value semantics ~~between EJBs~~.

26. (New): The method of claim 1, wherein dynamically generated code exists for the life of a server it resides upon.

27. (New): The method of claim 1, further comprising generating executable code from the byte code by using a class loader.